C l a i m s

1. A system for computer assisted driving lessons, for
   installation in a vehicle used for instructions,
   c h a r a c t e r i z e d   i n an electronic
   processing unit (5) for display, control, recording and
   storage of data, a first camera (1) directed forward in
   the driving direction, a second camera (2) directed at
   a pupils eyes as well as recording situations behind
   the vehicle, a microphone (3), a sensor (4) giving
   position data, the processing unit (5) being designed
   for synchronous storage of signals from the cameras (1,
   2), the microphone (3) and the sensor (4).

2. A system as claimed in claim 1,
   c h a r a c t e r i z e d   i n a sensor measuring the
   distance to any vehicle in front of the vehicle used
   for instructions, the distance sensor being connected
   to the processing unit (5) for recording of distances.

3. A system as claimed in claim 1 or 2,
   c h a r a c t e r i z e d   i n that the sensor (4) for
   measuring the position of the vehicle being a trip
   meter.

4. A system as claimed in claim 1 or 2,
   c h a r a c t e r i z e d   i n that the sensor (4)
   for measuring the position of the vehicle being a
   Global Positioning System receiver.

5. A system as claimed in one of the preceding claims,
   c h a r a c t e r i z e d   i n that the processing
   unit (5) being arranged for compressing the recorded
   signals prior to storage.

6. A system as claimed in one of the preceding claims,
   c h a r a c t e r i z e d   i n that the processing
   unit (5) being arranged for storing signals recorded in

predefined time intervals at predefined positions along a driving route.

7. A system as claimed in any of the preceding claims, c h a r a c t e r i z e d   i n that the processing unit (5) being arranged for storing an electronic scorecard, for storing marks given to each pupil for each sequence of the training route.

8. Use of a system as claimed in any of the claims 1 - 6 to display picture/video-sequences from a pre-defined route as preparation before driving occurs, when driving to register record signals from the same predefined route, and after the driving trip display the signals and pictures.

9. Use of a system as claimed in any of the claims 1 - 6 to display picture/video-sequences from a random route as preparation before driving occurs, when driving to register record signals from the same route, and after the driving trip display the signals and pictures.